

RIDNYY, A.A.; OSIPOVA, N.A.; ANDRIYENKO, K.A.

Introduction of the KO oil-free binder. Lit. proizv. no.2:
43-44 F '65. (MIRA 18;6)

RIDNEY, A.A., inzh.

Continuous line for cleaning steel castings. Mashinostroenie
no. 6:50-52 N-D '65. (MIRA 18:12)

I 9367-66 EWT(m)/EWP(w)/EWA(d)/T/EWP(t)/EWP(z)/EWP(b) MJW/JD

ACC NR: AP5023265

SOURCE CODE: UR/0128/65/000/008/0005/0006

AUTHOR: Kurbatov, M. I. (Candidate of technical sciences); Ridnyy, A. A. (Engineer);
Boriskin, I. Ye. (Engineer); Grenaderov, A. I. (Engineer)

ORG: none

TITLE: Effect of the chemical composition of high manganese steel on its wear
resistance

SOURCE: Liteynoye porizvodstvo, no. 8, 1965, 5-6

TOPIC TAGS: manganese steel, tractor, wear resistance, carbide / G10L high
manganese steel

ABSTRACT: Since the C and Mn content of regular G13L high-manganese steel fluctuates too broadly, a new type of high-manganese steel, G10L, with a narrower range of variation in the content of C and Mn (0.90-1.35% C, 9-11% Mn as well as \leq 0.10% P, \leq 1.2% Si, \leq 0.02% S, \leq 1.0% Cr, and \leq 0.5% Ni) has been developed. The reduction in Mn content to 9-11% and the corresponding reduction in C and P content result in a marked increase in the purity of track blocks with respect to residual carbides, virtual elimination of defects of the hot-crack type, and enhancement of wear resistance of the steel. Wear resistance of G13L and G10L steels specimens with different Mn and C contents, was determined by measuring the weight loss of track-block

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UDC: 669.15'74-194

L 9367-66

ACC NR: AP5023265

0

lugs with the aid of a special device. Findings: as the Mn content decreases from 15.8% to 9.03, the wear resistance increases and the influence of C is feeble. As the P content increases the wear resistance somewhat increases; S content up to 1.2% has no effect on wear resistance. Further, as part of the experiment, T-75 tractors were assembled half with track blocks of P13L steel and half with track blocks of G10L steels and regularly operated under arduous field conditions. Subsequent examination showed that the wear resistance of track blocks of G10L steel is 16% higher than that of the track blocks of G13L steel. This indicates that the question of the optimal composition of the high-manganese steel used to fabricate track blocks must be re-examined. Orig. art. has: 5 figures, 2 tables.

SUB CODE: 02, 11, 13/ SUBM DATE: none/ ORIG REF: 001/ OTH REF: 001

* [No. 11135L [P13L]] occurs in the original, probably G13L is meant.

Card 2/2 (1)

KURBATOV, M.I., kand. tekhn. nauk; RIDNYY, A.A., inzh.; MAKSIMENKO, V.D., inzh.;
SHERSTYUK, A.A., inzh.; KOSHELEV, V.I., inzh.

Effect of small additions of boron on the properties of G13L steel.
Lit. proizv. no.9:34-35 o '65. (MIRA 18:10)

18(0), 12(1,2)

SOV/128-59-9-7/25

AUTHOR: Ridnyy A.A. and Fedyanin B.I., Engineers

TITLE: New Types of Foundry Equipment of the Khar'kov Tractor Works

PERIODICAL: Liteynoye proizvodstvo, 1959, Nr 9, pp 21-26 (USSR)

ABSTRACT: At the Khar'kov Tractor Works there are many innovations in foundry equipment that satisfy not only the needs of the Works, but serve also in good stead other plants in the Soviet Union. To these innovations, first of all, belongs a conveyor line with its components serving for cleaning and finishing of castings (Figure 1). The line was put in operation in January 1958. Its turning-out capacity is 8 to 10 tons an hour of castings weighing up to 40 kg. The line is equipped with a drum for extracting of cores from the castings and for a preliminary cleaning of them (Figure 2). Another drum - DB4 shot-missile - used on the line is an assembly of several designs; it comprises a movable hearth, an elevating device, shot-missile turbines, and an outfit for the separation and cleaning of shot (Figures 3,4 and 5). Tech-

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SOV/128-59-9-7/25

New Types of Foundry Equipment of the Khar'kov Tractor Works

nical specifications of the drum are as follows: size (length x width x height) 4.7 x 3.4 x 4.9 m; diameter of the working part - 120 cm; rotation speed of the movable hearth - 5 m a minute; number of shot-missile turbines - 4; maximum output of a turbine - 130 kg of shot a minute; electric power required for turbine drive - 14 kw; for hearth - 10 kw; for elevator - 4.5 kw; for sieve - 0.6 kw; drum weight - 12.3 tons. Another outfit deserving attention is the vibration-pressing core machine VPS-1 (Figure 7). It is intended for forming of large-size cores weighing up to 150 kg. In this machine, all technological operations, except the laying of armature and drying slab, are mechanized. The process of vibration-pressing, which lasts 10 seconds, considerably increases the productivity in forming of cores, as compared to that rendered by machines of shake-type. A unified pneumatic system incorporated in the machine makes it simple in construction and reliable in operation. In conclusion, the author of this article describes the pneumatic drive turning switch with distant control,

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SOV/128-59-3-7/25

New Types of Foundry Equipment of the Khar'kov Tractor Works

to be used on single-rail tracks having many a branch (Figures 8 and 9). Its use permits saving of labor of the workers who, otherwise, have to operate the switches at transporting of molten metal. There are 9 diagrams.

Card 3/3

VOLOSHCHENKO, M.V.; RUDNYI, A.A.; LITOVKA, V.I.; ZELENYY, B.G.; MAKEYEVA,
V.P.

Effect of silicon on the mechanical properties of isothermally
hardened magnesium cast iron. Metalloved. i term. obr. met. no.
(MIRA 17:11)
7:47-48 Jl '64.

I. Institut litseynogo proizvodstva AN UkrSSR.

SHUL'TE, Yu.A.; KURBATOV, M.I.; RIDNYY, A.A.; KOSTINSKIY, D.S.;
KUGEL', R.V.; USHAKOV, A.D.

Manganese content in high manganese steel for track shoes. Lit.
proizv. no.11:27-30 N '61. (MIRA 14:10)
(Manganese steel--Analysis) (Steel castings)

RIBINS, L.KN.
The U.S.S.R., V.V., V.P. SAVIN, N.A., KATSEVICH, G.I., RUMYANTSEVA, L.V., BYKOV, A.B.,
VLASOV, I.I., VLASOV, L.M.

Electronuclear showers of cosmic rays and nuclear - p scattering process. (Work
submitted at Physical Institute, Lenin Division of Academy of Sciences USSR).
Submitted at Physical Institute, Lenin Division of Academy of Sciences USSR).

Journal of Experimental and Theoretical Physics Vol. 18, No. 3, 27 Sept 1969.

Kidrov SK 4, R.

POLAND/Pharmacology, Toxicology. Local Anesthetics

V-3

Abs Jour : Ref Zhur - Biol., No 5, 1958, No 23266

Author : Prashalovich B., Kazimerchak Iu., Ridovsky B.

Inst : Not Given

Title : Radiological Studies of Heparin and Novocaine Blocking Action
in Venous Thrombosis Therapy

Orig Pub : Biul. Polskoy AN Otd. 2, 1956, 4, No 9, 347-349

Abstract : The experiments were carried out on 20 dogs with thrombosis, caused by injecting 2.5 ml of 50% sodium salicylate (I) solution in a subcutaneous vein of the rear extremity. Daily for 10 days one group of animals received intravenously 4 ml of heparin, and another group by the two-sided blocking method 50 ml of a 0.25% novocaine solution (III). The treatment began 1-5 days following administration of I. Radiographic prints were made every 3 days on the intravenous administration of 10 ml of a 30% iodurone solution. During the treatment with III angiospasm of the veins, arteries and capillaries was noted. III caused a distinct dilatation of venous luminosity.

Card : 1/1

OVRUTSKIY, G.D.; RIDZEL', P.Z.; LIFSHITS, S.A.

Relation of parodontosis to the intensity of sound stimulus.
Stomatologija 41 no.4:17-20 Jl-Ag '62. (MIRA 15:9)

1. Iz kafedry terapevticheskoy stomatologii (zav. - kand.med.nauk
G.D.Ovrutskiy) Kazanskogo meditsinskogo instituta.
(GUMS--DISEASES) (SOUND--PHYSIOLOGICAL EFFECT)

RIDZEL', Ye.K., komandir vertoleta Mi-1 (Krymskaya obl.); YEVSEYEV, I.M.,
shofer; FEDOROV, I.V., agronom po zashchite rasteniy (Volokolamsk)

Toward the 22d Congress of the CPSU. Zashch. rast. ot vred. i bol.
6 no.7:3 Jl '61. (MIRA 16:5)
(Plants, Protection of)

TASEV, Boris; RIDZHAKOVA, Olga, inzh.

Organization of the working site, an important precondition
for increased labor productivity in polygraphic enterprises.
Trud tseni 6 no. 2:54-59 '64.

RIDZIE. Z:

Weak points in the collaboration of the meat industry with the Municipal Meat Trade.

p. 20.

GOSPODARKA MIESNA, Vol. 7, No. 11 Nov. 1955

(Polskie Wydawnictwa Gospodarcze) Warszawa

SOURCE: EAST EUROPEAN ACCESSIONS LIST Vol. 5, No. 1

Jan. 1956

L 23081-66 EWT(m)/EWA(d)/T/EWP(t)
ACC NR: AP5029000

IJP(c) JD/JG

SOURCE CODE: UR/0128/65/000/009/0034/0035

AUTHOR: Kurbatov, M. I. (Candidate of technical sciences); Ridnyy, A. A. (Engineer);
Maksimenko, V. D. (Engineer); Sherstyuk, A. A. (Engineer); Koshelev, V. I. (Engineer)

ORG: none

TITLE: Effect of the addition of small amounts of boron on the properties of G12L
manganese steel

SOURCE: Liteynoye proizvodstvo, no. 9, 1965, 34-35

TOPIC TAGS: boron, nonmetallic inclusion, manganese steel, tractor / G13L manganese
steel

ABSTRACT: The effect of the addition of 0.0036-0.0252% B on the structure and
mechanical, technological properties and operational qualities of cast crawler-tread
links of G13L manganese steel is investigated. Ferroboron was added to the bottom-
pour ladles (capacity 0.3 ton) directly prior to pouring into the molds. Boron
greatly changes the properties of cast steel -- B-free steel has a dendritic struc-
ture whereas B-containing steel has a stone-like finegrained structure. As a result
of metallographic examination and tensile and impact tests it is established that
the contamination of the austenitic structure of the steel by residual carbides
increases when the residual B content exceeds 0.0108%. Boron nitrides, being crystal-

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UDC: 669.15'74-194:669.781

2

L 23081-66

ACC NR: AP5029000

lization nuclei, contribute to a more finegrained structure of the castings but if the B content is too high, owing to the decrease in its solubility, B, as a surface-active element, is displaced toward the grain boundaries where, evidently, its oxides, carbides and borides also are located. The mechanical properties of B-treated steel: σ_b , δ and ψ , slightly increase if B content is not more than 0.0072% but sharply decrease if the B content exceeds this limit. These findings confirm that increasing the B content above the solubility limit of B in Fe leads to the formation of a large number of nonmetallic inclusions along grain boundaries and a sharp decrease in the mechanical properties of steel, as was besides also corroborated by the bending and wear resistance tests of crawler-tread links. Thus, in the shops of the tractor plants it is advisable to inoculate steel with B in order to obtain castings with a finegrained structure provided that the B content does not exceed 0.007%. Orig. art. has: 2 tables, 1 figure.

SUB CODE: 11, 13, 20/ SUBM DATE: none/ ORIG REF: 000/ OTH REF: 000

Card

2/2

UVR

BARTA, Petr, dr., inz.; NOVAK, Frantisek, inz.; RIEB, J., inz.; URBANCZYK,
J., inz.

Problem of the perspective planning of new mine fields in
Ostrava-Karvina coal district. Uhli 4 no.7:242-246 Jl
'62.

1. Sdruzeni Ostravsko-Karvinskych dolu (for Barta). 2. Dul
Sucha-Stonava, Ostravsko-Karvinsky revir (for Novak, Rieb and
Urbanczyk).

AUTHORS

Ferenčík, V. and Riebel, K.

S/262/62/000/016/001/009
I011/I211

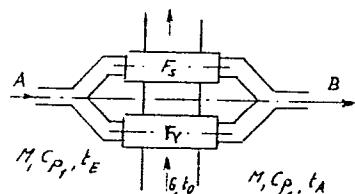
TITLE:

The calculation for a steamgenerator of an atomic power plant with a nuclear reactor cooled by water under pressure or a boiling nuclear reactor

PERIODICAL:

Referativnyy zhurnal, otdel'nyy vypusk. 42. Silovye ustanovki, no. 16, 1962, 8, abstract 42.16.46. (Kernenergiev. v. 4, no. 10-11, 1961, 793-800 [German]).

TEXT: A diagram of heat exchange as in Figure 1 is adopted for the proposed method of performing calculations for a saturated steam generator (*SG*) with a free water level. Here: *A*—the input of the hot water coming from the nuclear reactor (*NR*), *B*—the output of the first cycle water from the *SG*; M, C_{p1}, t_e —the flow, specific heat and temperature of the first cycle water at the *SG* input; M, C_{p1}, t_o —the same at the *SG* output; G, t_0, C_{p2}



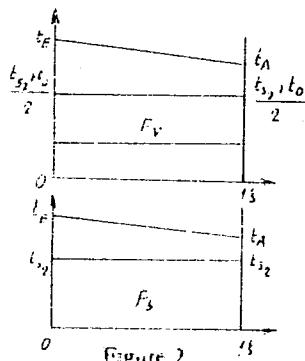
Card 1/4

Figure 1

The calculation for a steam generator of

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1011/I211

the flow, temperature, and specific heat of the second cycle water at the SG input, F_2 — the SG heater heat exchange surface; F_3 — the same for the SG evaporator. The temperatures distribution along the ξ coordinate defined as the ratio of the current surface value to the overall heat exchange surface, is taken to the first approximation according to Figure 2. Here t_{s2} — the steam saturation temperature at the given pressure. The temperature change at a fixed ξ coordinate is adopted according to Figure 3 where t_i and d_i — the



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Figure 2

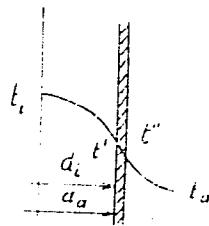


Figure 3

The calculation for a steam generator of...

S/262/62/000/016/001/009
I011/I211

internal and external diameters of the heat exchanger pipe in which the first cycle water flows. The SG heat load (q) is determined from the condition of equality between the heat given by the first cycle medium and that gained by the second cycle medium according to the formulas

$$q = \frac{Q}{F} = \frac{d_t}{d_s} d_i (t_i - t') = \frac{2\lambda R}{d_s} \frac{t' - t_e}{\ln \frac{d_s}{d_t}} = \alpha_a (t' - t_e),$$

where α_a - the coefficient of heat transfer from the external pipe surface to the second cycle medium. D_2 - the heat conductivity of the pipe wall, α_i - the coefficient of heat transfer from the first cycle medium to the pipe surface. The heat load and the corresponding SG surface can be determined on the basis of these equations by the over-all temperature drop $t_i - t_e$. The heat load for the boiling region: $q_s = (t_i - t') \frac{1}{c}$, where $c = d_s \left(\frac{1}{\alpha_i d_t} + \frac{1}{2\lambda R} \ln \frac{d_s}{d_t} \right)$. A nomogram for the determination of the C values is compiled on the basis of the known expressions for the evaluation of the heat transfer coefficient as a function of the heat exchange conditions. On the other hand $q_s = (t' - t_e) \alpha_s$. Nomograms for the determination of the q_s values are constructed from the comparison of these equations. Analogous nomograms for the determination of the q_o values are constructed. The mean load

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The calculation for a steady generator \dot{q}_m :

$$\frac{\sum_{i=1}^k \dot{q}_i}{\sum_{i=1}^k \dot{q}_i} = \frac{1}{K}$$

$$\dot{q}_m = \frac{\sum_{i=1}^{k-1} \dot{q}_i + \dot{q}_{in}}{\sum_{i=1}^{k-1} \dot{q}_i}$$

where k is the number of sections considered and \dot{q}_i the heat load to the K th section (the last section) of the heat exchange surfaces. The change of temperatures of the two media during the calculation is defined precisely with the help of the f_m (left) and the final f_0 and f_1 values (right) given below. The surfaces $F_m = \frac{Q_m}{\dot{q}_m}$ and $F_0 = \frac{Q_0}{\dot{q}_0}$ are calculated from the last two values. These are figures of merit.

[Abstracter's note: Complete translation.]

Card 49

CZECHOSLOVAKIA

DOHNAL, K.; HROMADKOVA, L.; NOSOVA, T.; RIEBEL, O.: Neurological Clinic (Neurologicka Klinika) Chief (Prednosta) Prof Dr K. POPEK, and Ophtalmological Clinic (Ocni Klinika) Chief (Prednosta) Prof Dr J. VANYSEK, Medical Faculty J.E. Purkyne University (Lekarske Faculte UJEP), Brno.

"Importance of Complex Examination for the Diagnosis of Ocular Myositis." 30 - 35

Prague, Ceskoslovenska Neurologie, Vol 30, No 1, Jan 67, pp

Abstract /Authors' English summary modified/: Where isolated weakness of the oculomotor muscles not due to nervous lesion exists, it is probably due to ocular myositis. The diagnosis of ocular myositis must be based on progressing weakness of the muscles, histological examination of the oculomotor muscles, on the myogenetic reaction shown in EMG examination, and on the favorable influence of steroid treatment. Differentiation between various types of polymyositis is described. 35 Western, 3 Czech, 1 USSR reference. (Manuscript received 25 May 65).

RIEBEL, O.; HRAZDIROVA, A.

Familial occurrence of thrombosis of the central retinal vein.
Scr.med.fac.med. Brunensis 36 no.6:293-299 Ja '63.

1. Okni klinike fakulty university J. E. Purkyne v Brne Prednosta
prof. MUDr. Jan Vanysek, Dr.Sc.

*

ANTON, M.; RIEBEL, O.

On the problem of spontaneous intra-epithelial cysts. Cesk. oftal.
18 no.6:432-435 N '62.

1. Ocní klinika lek. fak. University J.Ev. Purkyne v Brně, predn.
prof. dr. J. Vanysek.

(IRIS) (CYSTS)

RIEBEL, Otto

A new method for the extraction of magnetic bodies from a non-opaque
crystalline lens. Cesk. ofth. 16 no.6:388-396 S '60.

1. Ocni klinika lekarske fakulty v Brne, prednosta prof. MUDr. Jan
Vanysek.
(CRYSTALLINE LENS for bodies)

RIEBEL,
RIEBEL, Otto

Cataracts caused by intralental foreign bodies (suggested method of treatment). Cesk. ofth. 14 no.1:56-59 Feb 58.

1. Ocni klinika MU v Brne, prednosta prof. MUDr. Jan Vanysek.
(CATARACTS, exper.
induced by intralental foreign bodies in dog (Cz))
(CRYSTALLINE LENS, for bodies
causing exper. cataracts in dog (Cz))

RIEBEL, O.

Apparatus for electrocoagulation of the retina from the posterior pole of the eye. Cesk. oftal. 20 no.3:223-225 My '63.

1. Ocni klinika lekarske fakulty UJEP v Brne (prednosta prof. dr. J. Vanysek, DrSc.).

RIEBEL, O.; HRACHOVINA, V.

Long-term results after dacryocystorhinostomy. Cesk. oftal.
21 no.6:446-450 N '65.

1. Ocní klinika lekarske fakulty University J.E. Purkyne v
Brně (prednosta prof. dr. J. Vanysek, DrSc.).

RIBBEL, Otto

The first clinical experiences with an instrument for the
operation of detachment of the retina with a tear at the
posterior pole of the eyeball. Scr. med. fac. med. Brunensis
38 no.4:149-156 '65.

I. Ocní klinika lekarske fakulty University J.E. Purkyne v
Brne (prednosta prof. MUDr. Jan Vanysek, DrSc.).

RIEBEL, Otto

On the treatment of detached retina with fissure in the posterior pole of the eye. Scr. med. fac. med. Brunensis 36 no. 6: 269-292 '63.

1. Ocni klinika lekarske fakulty university J.E.Purkyne v Brne
Prednosta prof. MUDr. Jan Vanysek, DrSc.

*

ANTON, Milan; KUMSTAT, Zdenek; RIEBEL, Otto

Unexpected blindness as a complication after extirpation of the
lacrimal sac. Česk. ofth. 17 no. 3:192-194 My '61.

1. Očni klinika lekarske fakulty J. Ev. Purkyne v Brně, prednosta prof.
MUDr. Jan Vanysek, doktor lek. ved.

(LACRIMAL APPARATUS surg) (BLINDNESS etiol)

RIEBEL, Otto; ANTON, Milan; KUMSTAT, Zdenek

An unusual case of self-mutilation. Cesk. ofth. 17 no.4/5:396-397
J1 '61.

1. Ocni klinika lek. fak. University J. E. Purkyne predn. prof. MUDr.
Jan Vanysek, Dr. Sc.

(SELF-MUTILATION)

ANTON, Milan; DIUHOS, Maxmilian; RIEBEL, Otto

Solitary choroid metastasis of thyroid adenoma. Cesk.ofth.17
no.2:137-140 Mr '61.

1. Ocní klinika Lekarske fakulty university v Brne, prednosta
prof. Dr. Sc. MUDr. Jan Vanysek, II. patologickoanatomicky ustav
v Brne, prednosta prof. MUDr. Maxmilian Dluhos.
(CHOROID neopl)
(ADENOMA case reports)
(THYROID GLAND neopl)

RIEBEL, Otto; DLUHOS, Maximilian

Localization methods for intraocular foreign bodies in children.
Cesk. oftal. 18 no.1:22-25 Ja '62.

1. Ocni klinika, prednosta prof. MUDr. Jan Vanysek, doktor
lekarakych ved. a II. patologickanatomicky ustav, prednosta
prof. MUDr. Maximilian Dluhos, lek. fak. University J.Ev. Purkyne
v Brne.

(EYE for. bodies)

ANTON, Milan; RIEBEL, Otto

Effect of beta rays on healing of sclero-corneal lesions. Scr. med. fac.
med. Brunensis 34 no.6:293-296 '61.

1. Ocni klinika lekarske fakulty university J. Ev. Purkyne v Brne
Prednosta prof. MUDr Jan Vanysek, doktor lekarskych ved.

(WOUND HEALING radiation eff)
(SCLERA wds & inj)
(CORNEA wds & inj)

I 50753-65 EWT(m)/EWA(h) Feb ES
ACCESSION NR: AP5016353

GE/0025/65/000/002/0098/0101

12
B

AUTHOR: Naumann, D.; Burk, W.; Riedel, S.

TITLE: Non-volatile fission product diffusion measurements in uranium dioxide

SOURCE: Kernenergie, no. 2, 1965, 98-101

TOPIC TAGS: nuclear fission, uranium compound, ceramic product

ABSTRACT: A new method allowing the measurement of non-volatile fission product diffusion in ceramic fuels is described. The ceramic uranium powder, e.g., UO₂ suspended in liquid alkali chloride, is whirled up at a defined temperature, the liquid is separated by means of a metal frit, and replaced by fresh liquid. In the fractions let off the amount of fission products can be determined and plotted as a fraction of specific product total amount versus \sqrt{t} . Orig. art. has 2 tables and 2 figures.

ASSOCIATION: Zentralinstitut fur Kernforschung, Bereich Werkstoffe und Festkorper, Rossendorf bei Dresden (Department of Raw Materials and Solid Matter, Central Institute of Nuclear Research)

SUBMITTED: 14Jul64

NO REF SOV: 000

ENCL: 00
OTHER: 008

SUB CODE: NP, MT
NA

Card: 1/1 me

SAMOHYL, J.; RIEBLOVA, V.

Some improvements in the technique of dressing severe burns and in the preparation of granulation surfaces for transplantation. Acta chir. plast. 4 no.1:8-17 '62.

1. Clinic of Plastic Surgery, Brno (Czechoslovakia) Director: Prof. V. Karfik.

(BURNS ther) (SKIN TRANSPLANTATION) (BANDAGES)

SAMOHYL, J.; RIEBELOVA, V.

Some improvements in the technic of dressing severe burns and
in preparation of granulation sites for transplantation. Rozhl.
chir. 40 no.12:776-781 '61.

1. K.inike plastické chirurgie v Brně, prednosta prof. MUDr.
V Karfík.
(BURNS ther.) (SKIN TRANSPLANTATION)

RIEBELOVA, V.

Preliminary report on radical surgery of chronic decubitus ulcers in paraplegics. Rozhl. chir. 43 no.5:317-321 My'64

1. Klinika plastické chirurgie lekarské fakulty UJEP (University J.E.Purkyne) v Brně; zast. prednosti: doc. dr. V. Kubáček, CSc.

MANUFACTURED IN U.S.A.

Consultant service after severe burns in U.S. Army Training Center
U.S. Army Hospitalized 1961.

• Minimum cost will be confirmed by Executive Liability Underwriting P.A.
and will be determined by date taken and location.

RIECHAN, Beloslav [Riecan, Beloslav]

On the density of some outer measures in topological space.
Mat fyz cas SAV 13 no. 3: 193-204 '63.

1. Katedra matematiky a deskriptivnej geometrie, Stavebna
fakulta Slovenskej vysokej skoly technickej, Bratislava.
Gottwaldovo namesti 2.

KRAL, Josef; RIECAN, Beloslav

Note on the Stokes formula for 2-dimensionsal integrals in
n-space. Mat fys cas SAV 12 no.4:280-292 '62.

1. Katedra matematicke analyzy, Karlova universita, Praha 2,
Ke Karlovu 3 (for Kral). 2. Katedra matematiky, Slovenska
vysoka skola technicka, Bratislava (for Riecan).

RIECAN, Boleslav

On dimension and measure. Mat fyz cas SAV 11 no.4:239-242 '61.

1. Katedra matematiky Stavebnej fakulty, Slovenska vysoka technicka,
Bratislava, Gottwaldovo nemesti 2.

RIECAN, Beloslav

A note on the k-dimensional measure in E_n . Mat-fys cas SAV 11
no.1:14-18 '61.

1. Katedra matematiky, Slovenska vysoka skola technicka,
Bratislava, Gottwaldovo namesti 2.

RIECAN, Beloslav

A note on the construction of measures. Mat fyz čas SAV 12 no.1:
47-59 '62.

1. Katedra matematiky a deskriptívnej geometrie Stavebnej fakulty
Slovenskej vysokej školy technickej, Bratislava.

RIECAN, J.

RIECAN, J. Contribution to the study of characteristics of alluvial forest soils in the Breclava area in southern Slovakia. p. 110.

No. 1/4, 1953
SBORMIK. RADA C: SPISY FAKULTY LESNICKE
AGRICULTURE
Brno, Czechoslovakia

So; East European Accessions, Vol. 5, no. 5, May 1956

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1/1

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KLUVANEK, Igor; RIECHAN, Beloslav [Riecan, Beloslav]

Some properties of the Bernoulli schemata. Mat fyz cas SAV
14 no. 2:83-88 '64.

1. Chair of Mathematics, Faculty of Natural Sciences, P.J. Safarik University, Kosice, Srobarova 57 (for Kluvanek).
2. Chair of Mathematics and Descriptive Geometry, Faculty of Building, Slovak Higher School of Technology, Bratislava, Gottwaldovo namesti 2 (for Riecan).

RIECHANOVÁ, Zdena [Riecanova, Zdena]

On the Caratheodory outer measure. Mat fys cas SAV 13 no.4:
246-252 '62.

1. Katedra matematiky a deskriptívnej geometrie, Elektrotechnická
fakulta, Slovenská vysoká škola technická, Bratislava, Gottwaldovo
namestí 2.

CIA-RDP86-00513R001444820017-0

RIECHERS, K.

RV 72-FB

Research on the mutual influence of casein glue and cold kaurit glue---
XXX Beeinflussung von Kasein- und Kauritkaltleim---by K. Riechers, Berlin-
Adlershof. Deutsche Versuchsanstalt fuer Luftfahrt, Aug. 1935. Germ
restr 30P incl. tables, diagrs, graphs.

Test results concerning the gluing of plywood prepared with cold kaurit or
cold casein glue show that the adhesive strength is reduced by 5 to 5 pt.
7 percent, which is still tolerable.

SOURCE: AIR, AMC, DESK CATALOG OF GERMAN AND JAPANESE AIR-TECHNICAL DOCUMENTS,
March 1948, P. 790, Unclassified.

ZWB-FB-361-1

RIECHERS, K.

RV70-F6

Investigation of Cutting Capacity of Tools in Machining of Processed Wood---
Untersuchungen der Schnitthaltigkeit von Werkzeugen bei Bearbeitung von Ver-
gutetem Holz I Zwischenbericht---By K. Riechers Berlin-Adlershof Deutsche
Versuchsanstalt Fuer Luftfahrt May 1935 Germ. Restr 25P Incl photos tables
graphs.

Tests were carried out with various planing knives made of different type of
steels and hard metal WIDIA G 515 and H 515. Test results are tabulated and
graphically expressed. It was found that the wear and tear of all knives is
much greater when used in planing of processed wood as compared with pine wood.

SOURCE: AIR, AMC DESK CATALOG OF GERMAN AND JAPANESE AIR-TECHNICAL DOCUMENTS
March 1948, P. 832, Unclassified.

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AVB/AB/12

...und die sozialen und politischen Verhältnisse unter den verschiedenen Gruppen der Bevölkerung. Von Zeitungsberichten kann man nicht direkt auf die tatsächlichen sozialen und politischen Verhältnisse schließen, da die Presse nur die interessanten Dinge berichtet.

Um jedoch einen guten Überblick über die tatsächlichen sozialen und politischen Verhältnisse zu erhalten, ist es ratsam, mehrere Zeitungen aus verschiedenen Teilen des Landes zu lesen. Es ist wichtig, dass man verschiedene Zeitungen aus verschiedenen Teilen des Landes liest, um eine breite Perspektive zu erhalten. Es ist auch wichtig, dass man verschiedene Zeitungen aus verschiedenen Teilen des Landes liest, um eine breite Perspektive zu erhalten. Es ist auch wichtig, dass man verschiedene Zeitungen aus verschiedenen Teilen des Landes liest, um eine breite Perspektive zu erhalten.

Schließlich: Es ist wichtig, dass man verschiedene Zeitungen aus verschiedenen Teilen des Landes liest, um eine breite Perspektive zu erhalten.

AB-BB-535

RIECHERS, K.

RV75-F7

Lumber Output Determined by Using Methods Developed by Forssman-Holz A.G.---Bericht
Ueber Die Besichtigung Der Forssman-Holz A -G in Wuppertal-Elberfeld xxx---by K. Riechers
Berlin-Adlershof. Deutsche Versuchsanstalt Fuer Luftfahrt E. V. Apr. 1936. Germ.
Confid'l. 8P. incl. photos, tables.

This is a report on the inspection of the Forssman-Holz A. G. Wuppertal-Elberfeld
submitted upon request of the RLM. It reveals the inspector's findings regarding
new methods of plywood production which can be applied with the least expenditures of
labor and money.

SO: AIR, AMC, DESK CATALOG OF GERMAN AND JAPANESE AIR-TECHNICAL DOCUMENTS,
March 1948, Unclassified. P. 836.

CONFIDENTIAL

33-10-10-3

11/17/68

Test of addition of 1% effect of lead with tetraethyl lead (an organic--
Inert) to materials used in type of fuel containing-- ----- German
----. The addition of tetraethyl lead in Ma--- by 1.0ccers. (carburetor) of benzene
very dangerous. The solvent for lead is benzene. Lead is 31% less soluble

Several tests were made to determine the effect of the lead. The
test was to add 1.0cc of benzene to 1 liter of benzene of fuel and water for a period
of one hour. The results showed that a slight effect was noticeable with 1.
After several, the result for added benzene was reduced considerably. At this
point it was noted to be a layer at the bottom of the air.

Conclusion: Benzene, which is added to gasoline, is a fuel additive which has been found,
to have little, if any, effect on gasoline.

ZWB-PB-350

RV112-F3

RIECHERS K

Tests conducted to determine the resistance of impregnated textile fabrics to crude oil - - - untersuchung von impraegnierungsfilm xxx - - - by K. Riechers and H. Lohmann Berlin-Adlershof Deutsche Versuchsanstalt fuer Luftfahrt Dec. 1935 Germ restr. 5 p., incl tables.

Two impregnated materials were submerged in a crude oil bath in order to determine the influence of the crude oil on the physical characteristics of the fabrics. After two months of submersion no impressive change in the fabrics was noticed. A small loss of elasticity had no damaging effect.

SOURCE: AIR, AMC DESK CATALOG OF GERMAN AND JAPANESE AIR-TECHNICAL DOCUMENTS,
March 1948, P. 818, unclassified

ZWB-PB-338

RIECHERS K

RV111-F25

Investigation of a special plywood developed by the Forssman-Holz A-G - - -
untersuchung von Forssman-Sperrholz - - - By K. Riechers Berlin-Adlershof Deutsche
Versuchsanstalt fuer luftfahrt Nov. 1935 Germ Restr. 18 p, incl photos tables.

This report sets forth the results of investigations conducted to determine the mechanical properties of a plywood made of Beech. The plywood consisted of nine 0 pt. 1 mm layers fabricated in a scrape process with the aid of specially designed machines. A comparison with other types of plywood is given.

SOURCE: AIR AMC, DESK CATALOG OF GERMAN AND JAPANESE AIR-TECHNICAL DOCUMENTS,
March 1948, P. 817, unclassified.

11/2

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Anticonvulsant action of ergotamine. Willi Ricchert
(Univ. Heidelberg, Ger.). *Arch. expil. Path. Pharmakol.*

213, 82-7 (1951).—Intramuscular injection of 5 mg./kg. ergotamine (I) or 1 mg./kg. dihydroergotamine (II) into white rats prevented convulsions elicited with intravenous administration of 20-25 mg./kg. cocaine. I also prevented convulsions produced with procaine and pontocaine and markedly reduced intensity and duration of convulsions produced with metrazole, coramine, picrotoxin and hexeton. I and II prevented the lethal action of 20-25 mg./kg. triphenyltetrazoline chloride, apparently by preventing the compd. from entering the brain. The anticonvulsant actions described may be due to a similar mech-

Karl F. Ulrich

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"How I evaluate Polish gliders."

p. 18 (Słrzduta Polska) Vol. 14, no. 3, Jan. 1958
Warsaw, Poland

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

RIECK, J.

"Projector Lamp and Useful Light Flux in Projector."

Lichttechnik, 4, 237-9 (Sept., 1952)

SO: SCIENCE ABSTRACTS, Section B, Electrical Engineering Abstracts,
(October, 1952), Unclass.

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Oxychilus (Oxychilus) disciformis sp. n. from Iran and remarks on Oxychilus?
gorktschaanus (Mousson) (Gasteropoda, Zonitidae). p. 81.

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Warszawa, Poland, Vol. 18, no. 4, April 1959. In German.

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The turning of the Pechora and Vychedga Rivers toward the Volga
River. Gosp wodna 22 no.7:312-315 '62.

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An interview with Piotr Stolarek, Director-General of the Ministry of
Municipal Economy. p. 49.

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Vol. 19, no. 2, Feb. 1959.

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Technique of Warsaw Polytechnic. p. 93.

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Professor Eugeniusz Zaczynski; obituary. Gosp wodna 25 no.2:73
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Socialist Republic, Post vchina 10, Kiev-470, Ukraine.

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"Control of corrosion of metallic constructions and of mechanical equipment of hydrotechnical constructions" by R.P. Nosov. Reviewed by A. Riedel. Gosp wodna 22 no.1:26-27 '62.

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On the *Hyalina (Retinella) oscari* Kimakowicz 1883, the typical species
of the subgenus *Schistophallus* A. J. Wagner, 1914 (Gastropoda, Zoni-
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"Principles of economical planning of water-supply and canalization." p. 26
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Role and tasks of technical associations united in the Chief Technical Organization in the combat for water purity protection. Gosp wodna 21 no.10:463-464 0 '61.

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Systematic position and data concerning occurrence of *Paraegopis*
(*Balcanodiscus* subgen.n.) *frivaldskyanus* (Rossmaessler, 1842)
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1. Onkologisches Forschungsinstitut, Bratislava, CSSR.

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